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L6: Entry 1 of 2 File: USPT Sep 23, 2003

US-PAT-NO: 6625581
DOCUMENT-IDENTIFIER: US 6625581 B1

TITLE: METHOD OF AND SYSTEM FOR ENABLING THE ACCESS OF CONSUMER PRODUCT RELATED INFORMATION AND THE PURCHASE OF CONSUMER PRODUCTS AT POINTS OF CONSUMER PRESENCE ON THE WORLD WIDE WEB (WWW) AT WHICH CONSUMER PRODUCT INFORMATION REQUEST (CPIR) ENABLING SERVLET TAGS ARE EMBEDDED WITHIN HTML-ENCODED DOCUMENTS

DATE-ISSUED: September 23, 2003

INT-CL: [07] G06 F 17/60

US-CL-ISSUED: 705/27; 705/26, 705/14, 709/200, 709/245
US-CL-CURRENT: 705/27; 705/14, 705/26, 709/200, 709/245

FIELD-OF-SEARCH: 705/26, 705/27

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L3: Entry 1 of 1 File: USPT Jan 25, 2000

US-PAT-NO: 6018714
DOCUMENT-IDENTIFIER: US 6018714 A

TITLE: Method of protecting against a change in value of intellectual property, and product providing such protection

DATE-ISSUED: January 25, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Risen, Jr.; William M.	Rumford	RI		
Covello; Diane F.	W. Hartford	CT		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
IP Value, LLC	Hartford	CT			02

APPL-NO: 08/ 966062 [PALM]
DATE FILED: November 8, 1997

INT-CL: [06] G06 F 17/60

US-CL-ISSUED: 705/4
US-CL-CURRENT: 705/4

FIELD-OF-SEARCH: 705/1, 705/4, 283/54

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected Search ALL

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ART-UNIT: 274

PRIMARY-EXAMINER: Trammell; James P.

ASSISTANT-EXAMINER: Rosen; Nicholas O.

ABSTRACT:

Disclosed herein is a method of providing protection against an unexpected change in

value of an intellectual property asset, which includes:

(a). obtaining a description of at least one intellectual property asset of a first party,

(b). determining a value of the at least one intellectual property asset,

(c). determining a cost of providing compensation for an unexpected change in value of the at least one intellectual property asset, and

(d). offering to provide compensation for at least a portion of any unexpected change in value of the at least one intellectual property asset to a person with an interest in the first party. A corresponding data processing system, insurance proposal form and computer-generated insurance policy form also are disclosed. The method, system and forms of the invention can be used, for example, as part of a "due diligence" analysis in the context of the purchase and/or sale of intellectual property assets.

17 Claims, 2 Drawing figures

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L6: Entry 1 of 2 File: USPT Sep 23, 2003

US-PAT-NO: 6625581
DOCUMENT-IDENTIFIER: US 6625581 B1

TITLE: METHOD OF AND SYSTEM FOR ENABLING THE ACCESS OF CONSUMER PRODUCT RELATED INFORMATION AND THE PURCHASE OF CONSUMER PRODUCTS AT POINTS OF CONSUMER PRESENCE ON THE WORLD WIDE WEB (WWW) AT WHICH CONSUMER PRODUCT INFORMATION REQUEST (CPIR) ENABLING SERVLET TAGS ARE EMBEDDED WITHIN HTML-ENCODED DOCUMENTS

DATE-ISSUED: September 23, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Perkowski; Thomas J.	Darien	CT		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
IPF, Inc.	Stamford	CT			02

APPL-NO: 09/ 447121 [PALM]
DATE FILED: November 22, 1999

PARENT-CASE:
RELATED CASES This Application is a Continuation-in-Part of Application 09/441,973 filed Nov. 17, 1999; which is a Continuation-in-Part of application Ser. No. 09/284,917 filed Jun. 25, 1999 which was entered into the U.S. on Apr. 21, 1999 which is a National Stage Entry Application from International Application No. PCT/US97/19227 filed Oct. 27, 1997, published as WIPO Publication No. WO 98/19259 on May 7, 1998; as well as a Continuation-in-Part of the following U.S. applications: Ser. No. 08/736,798 filed Oct. 25, 1996, now U.S. Pat. No. 5,918,214; Ser. No. 08/752,136 filed Nov. 19, 1996, now U.S. Pat. No. 6,064,979; Ser. No. 08/826,120 filed Mar. 27, 1997; U.S. Pat. No. 08/854,877 filed May 12, 1997, now U.S. Pat. No. 5,950,173; Ser. No. 08/871,815 filed Jun. 9, 1997, now abandoned; and U.S. Ser. No. 08/936,375 filed Sep. 24, 1997, each said Application is commonly owned by IPF, Inc., and is incorporated herein by reference in its entirety as if fully set forth herein.

FOREIGN-APPL-PRIORITY-DATA:

COUNTRY	APPL-NO	APPL-DATE
JP	6-107574	April 22, 1994
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INT-CL: [07] G06 F 17/60

US-CL-ISSUED: 705/27; 705/26, 705/14, 709/200, 709/245
US-CL-CURRENT: 705/27; 705/14, 705/26, 709/200, 709/245

FIELD-OF-SEARCH: 705/26, 705/27

PRIOR-ART-DISCLOSED:

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Search Selected | Search ALL

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ART-UNIT: 3625

PRIMARY-EXAMINER: Coggins; Wynn W.

ASSISTANT-EXAMINER: Fadok; Mark

ATTY-AGENT-FIRM: Perkowski, Esq., PC; Thomas J.

ABSTRACT:

Method of and system for delivering consumer product related information to consumers over the Internet. The system and method involves creating an UPN-encoded Consumer Product Information (CPIR) enabling Applet for each consumer product registered within a manufacturer-managed UPN/URL database management system. Each CPIR-enabling Applet is encapsulated within an executable file and then stored in the UPN/URL database management system. Each CPIR-enabling Applet is searchable and downloadable by, for example, (1) retailers purchasing products from an

electronic-commerce enabled product catalog, (2) advertisers desiring to link consumer product information to Web-based product advertisements, or (3) anyone having a legitimate purpose of disseminating such information within the stream of electronic commerce. After downloading and extraction from its encapsulating file, the CPIR-enabling Applet is embedded within an HTML-encoded document associated with, for example, an EC-enabled store, on-line auction site, product advertisement, Internet search engine or directory, and the like. Upon encountering such an Applet-encoded HTML document on the WWW, the consumer need only perform a single mouse-clicking operation to automatically execute the underlying CPIR-enabling Applet (on either the client or server side of the network), causing a UPN-directed search to be performed against the manufacturer-defined UPN/URL Database, and the results thereof displayed in an independent Java GUI, without disturbing the consumer's point of presence on the WWW. Preferably, the CPIR-enabling Applets are realized using Java.TM. technology, although it is understood that alternative technologies can be used to practice the system and methods of the present invention.

28 Claims, 78 Drawing figures

L6: Entry 1 of 2 File: USPT Sep 23, 2003

DOCUMENT-IDENTIFIER: US 6625581 B1
TITLE: METHOD OF AND SYSTEM FOR ENABLING THE ACCESS OF CONSUMER PRODUCT RELATED INFORMATION AND THE PURCHASE OF CONSUMER PRODUCTS AT POINTS OF CONSUMER PRESENCE ON THE WORLD WIDE WEB (WWW) AT WHICH CONSUMER PRODUCT INFORMATION REQUEST (CPIR) ENABLING SERVLET TAGS ARE EMBEDDED WITHIN HTML-ENCODED DOCUMENTS

Drawing Description Text (10):
FIG. 2C is a schematic representation of a portion of the system shown in FIGS. 2-1 and 2-2, wherein a plurality of manufacturer-operated client subsystems are shown connected to a local or wide area IP-based network, preferably maintained behind a secure corporate firewall, and the secured manufacturer information network is connected to the infrastructure of the Internet by way of an Internet router and server, for the purpose of enabling different departments within a business organization (e.g. marketing, sales, engineering, support and service, advertising, finance, etc.) manage different types of UPN/URL links based on the type of information contained within the URL-specified information resource on the WWW;

Detailed Description Text (6):
Preferably, the centralized UPN/URL Database Management Subsystem 9 and at least one of the IPD Servers 11 are located at a secured information storage/processing center 17, along with a multiprocessor (or mainframe) computer system, information servers, routers, data communication lines, disk storage devices (e.g. RAIDs), tape drives and tape-library system, uninterrupted power supplies (UPS), and other peripheral technology to provide on-line, batch and back-up operations. However, the IPI Servers, the Client Computers and the other IPD Servers (if provided for database mirroring purposes), typically will be located throughout the world, as the distribution of manufacturers, retailers and consumers who are encouraged to use the system is scattered across the Planet.

Detailed Description Text (59):
As shown in FIG. 4A1, the relational-type IPI Registrant Database maintained by each IPD Server comprises a plurality of labeled information fields for each product "registered" therewith, namely: an IPN Information Field for storing information (e.g. numeric or alphanumeric string) representative of the Universal Product Number (e.g. twelve-digit UPC Version A number, eight-digit UPC Version E number, thirteen-digit UPC/EAN number, or twelve-digit UPC Version A number plus five-digit Add-On Code Segment number frequently used in the publishing industry) assigned to the consumer product; a Company Name Information Field for storing information (e.g. numeric or alphanumeric string) representative of the name of the company making, selling or distributing the corresponding product; a URL Information Field(s) for storing information (e.g. numeric or alphanumeric string) representative of the Universal Resource Locator (URL) or Universal Resource Locators (URLs) at which information resource(s) of the multimediatype can be found on the Internet relating to the corresponding consumer product; a Trademark Information Field for storing information (e.g. text and/or alphanumeric strings) representative of each trademark (or Domain Name) used in connection with the promotion, sale, distribution and/or use of the corresponding product, and preferably registered with the United States Patent and Trademark Office (USPTO) or other governmental or quasi-governmental agency (e.g. INTERNIC or Network Solutions, Inc.); a Product Description Information Field for storing information (e.g. text strings) descriptive of the corresponding product; an E-mail Address Information Field for storing information (e.g. numeric or alphanumeric string) representative of the e-mail address of the corresponding

company (e.g. manufacturer) on the Internet; a CPIR-Enabling Applet Information Field for storing information representative of consumer product information request (CPIR) enabling Applets accessible by retailers, wholesalers, advertisers, Web publishers and the like by downloading operations to be described in detail hereinafter, and eventually inserted within the HTML code of Web documents on various types of Internet information servers used to host WWW sites of all sorts, so that, when executed, these CPIR-enabling Applets automatically access from the master UPN/URL Database Management Subsystem 9 hereof, a categorized menu of URLs specifying the location of information resources on the Internet pertaining to a particular UPN-labeled product and symbolically linked thereto by its manufacturer or authorized agent; image file storage field for storing color images of consumer products registered with the system; and a Status Information Field for storing information (e.g. numeric or alphanumeric string) representative of whether the company (e.g. manufacturer) associated registered product has paid their monthly, quarterly or annual registration fees associated with registration within the IPD Servers of the information finding and serving subsystem hereof. Notably, each information item contained with the information field shown along the same horizontal line of FIG. 4A1 is related or linked.

Detailed Description Text (128):
As shown in FIG. 2B2, the Java-enabled Web browser 13 includes a number of software components including Java interfaces for fully defining the link between the Java Web browser and the Applets located at the middle tier. In order to write, compile and load Applets onto the Java Web Server 11", the system administrator or webmaster can use the Java API provided for within the Java 2 (development) platform from JavaSoft, a division of Sun Microsystems, Inc. This platform also supports The API specification of the Java 2 Platform, Standard Edition, version 1.2.2, comprises the following Packages: (1) java.applet: Provides the classes necessary to create an applet and the classes an applet uses to communicate with its applet context. (2) java.awt: Contains all of the classes for creating user interfaces and for painting graphics and images. (3) java.awt.color: Provides classes for color spaces. (4) java.awt.datatransfer: Provides interfaces and classes for transferring data between and within applications. (5) java.awt.dnd: Drag and Drop is a direct manipulation gesture found in many Graphical User Interface systems that provides a mechanism to information between two entities logically associated with presentation elements in the GUI. (6) java.awt.event: Provides interfaces and classes for dealing with different types of events fired by AWT components. (7) java.awt.font: Provides classes and interface relating to fonts. (8) java.awt.geom: Provides the Java 2D classes for defining and performing operations on objects related to two-dimensional geometry. (9) java.awt.im: Provides classes and an interface for the input method framework. (10) java.awt.image: Provides classes for creating and modifying images. (11) java.awt.image renderable: Provides classes and interfaces for producing rendering-independent images. (12) java.awt.print: Provides classes and interfaces for a general printing API. (13) java.beans: Contains classes related to Java Beans development. (14) java.heans.beancontext: Provides classes and interfaces relating to bean context. (15) java.io: Provides for system input and output through data streams, serialization and the file system. (16) java.lang: Provides classes that are fundamental to the design of the Java programming language. (17) java.lang.ref: Provides reference-object classes, which support a limited degree of interaction with the garbage collector. (18) java.lang.reflect: Provides classes and interfaces for obtaining reflective information about classes and objects. (19) java.math: Provides classes for performing arbitrary-precision integer arithmetic (BigInteger) and arbitrary-precision decimal arithmetic (BigDecimal). (20) java.net: Provides the classes for implementing networking applications. (21) java.rmi: Provides the RMI package. (22) java.rmi.activation: Provides support for RMI Object Activation. (23) java.rmi.dgc: Provides classes and interface for RMI distributed garbage-collection (DGC). (24) java.rmi.registry: Provides a class and two interfaces for the RMI registry. (25) java.rmi.server: Provides classes and interfaces for supporting the server side of RMI. (26) java.security: Provides the classes and interfaces for the security framework. (27) java.security.acl: The classes and interfaces in this package have been superseded by classes in the java.security package. (28) java.security.cert: Provides classes and interfaces for parsing and managing certificates. (29) java.security.interfaces: Provides interfaces for generating RSA (Rivest, Shamir and Adleman AsymmetricCipher algorithm) keys as defined in the RSA Laboratory Technical Note PKCS#1, and DSA (Digital Signature Algorithm) keys as

defined in NIST's FIPS-186. (30) java.security.spec: Provides classes and interfaces for key specifications and algorithm parameter specifications. (31) java.sql: Provides the JDBC package. (32) java.text: Provides classes and interfaces for handling text, dates, numbers and messages in a manner independent of natural languages. (33) java.util: Contains the collections framework, legacy collection classes, event model, date and time facilities, internationalization, and miscellaneous utility classes (a string tokenizer, a random-number generator, and a bit array). (34) java.util.jar: Provides classes for reading and writing the JAR (Java ARchive) file format, which is based on the standard ZIP file format with an optional manifest file. (35) java.util.zip: Provides classes for reading and writing the standard ZIP and GZIP file formats. (36) javax.accessibility: Defines a contract between user-interface components and an assistive technology that provides access to those components. (37) javax.swing: Provides a set of "lightweight" (all-Java language) components that, to the maximum degree possible, work the same on all platforms. (38) javax.swing.border: Provides classes and interface for drawing specialized borders around a Swing component. (39) javax.swing.colorchooser: Contains classes and interfaces used by the JcolorChooser component. (40) javax.swing.event: Provides for events fired by Swing components. (41) javax.swing.filechooser: Contains classes and interfaces used by the JfileChooser component. (42) javax.swing.plaf: Provides one interface and many abstract classes that Swing uses to provide its pluggable look-and-feel capabilities. (43) javax.swing.plaf.basic: Provides user interface objects built according to the Basic look-and-feel. (44) javax.swing.plaf.metal: Provides user interface objects built according to the "metal" look-and-feel. (45) javax.swing.plaf.multi: The multiplexing look and feel allows users to combine auxiliary look and feels with the default look and feel. (46) javax.swing.table: Provides classes and interfaces for dealing with java.awt.swing.JTable. (47) javax.swing.text: Provides classes and interfaces that deal with editable and noneditable text components. (48) javax.swing.text.html: Provides the class HTMLEditorKit and supporting classes for creating HTML text editors. (49) javax.swing.text.html.parser (50) javax.swing.text.rtf: Provides a class (RTFEditorKit) for creating Rich-Text-Format text editors. (51) javax.swing.tree: Provides classes and interfaces for dealing with java.awt.swing.JTree. (52) javax.swing.undo: Provides support for undo/redo capabilities in an application such as atext editor. (53) org.omg.CORRA: Provides the mapping of the OMG CORBA APIs to the Java.TM. programming language, including the class ORB, which is implemented so that a programmer can use it as a fully-functional Object Request Broker (ORB). (54) org.omg.CORRA: DynAnyPackage Provides the exceptions used with the DynAny interface (InvalidValue, Invalid, InvalidSeq, and TypeMismatch). (55) org.omg.CORBA.ORRPackage: Provides the exception InvalidName, which is thrown by the InconsistentTypeCode, which is thrown by the Dynamic Any creation methods in the ORB class. (56) org.omg.CORBA.portable: Provides a portability layer, that is, a set of ORB APIs that makes it possible for code generated by one vendor to run on another vendor's ORB. (57) org.omg.CORBA.TypeCodePackage: Provides the user-defined exceptions BadKind and Bounds, which are thrown by methods in the class TypeCode. (58) org.omg.CosNaming: Provides the naming service for Java IDL. (59) org.omg.CosNaming.NamingContextPackage: Provides the exceptions used in the package org.omg.CosNaming (AlreadyBound, CannotProceed, InvalidName, NotEmpty, and NotFound) and also the Helper and Holder classes for those exceptions.

WEST

End of Result Set

Generate Collection Print

L6: Entry 2 of 2 File: USPT Jun 6, 2000

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DOCUMENT-IDENTIFIER: US 6073124 A

TITLE: Method and system for securely incorporating electronic information into an online purchasing application

DATE-ISSUED: June 6, 2000

INVENTOR-INFORMATION:

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ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
ShopNow.com Inc.	Seattle	WA			02

APPL-NO: 08/ 895221 [PALM]
DATE FILED: July 15, 1997

PARENT-CASE:
CROSS-REFERENCE TO RELATED APPLICATIONS This application is a continuation-in-part of a U.S. Provisional Application No. 60/049,844, entitled "A Method and System of Securely Incorporating Digital Information into an Electronic Store," filed on Jun. 17, 1997, which is hereby incorporated by reference in its entirety. This application is also a continuation-in-part of U.S. patent application Ser. No. 08/792,719, entitled "Method and System for Injecting New Code Into Existing Application Code," filed on Jan. 29, 1997, and which is hereby incorporated by reference in its entirety.

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PRIOR-ART-DISCLOSED:

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Search Selected Search ALL

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ART-UNIT: 274

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ASSISTANT-EXAMINER: Rosen; Nicholas David

ATTY-AGENT-FIRM: Perkins Coie LLP

ABSTRACT:

A method and system for facilitating digital commerce using a secure digital commerce system is provided. The secure digital commerce system is arranged according to a client/server architecture and includes a modularized DCS client and DCS server. The DCS client and the DCS server are incorporated into an online purchasing system, such as a virtual store, to perform the purchase and online delivery of electronic content. The DCS client includes a set of components which include a secured copy of the merchandise and various components needed to license and purchase the merchandise and to unsecure and process (e.g., execute) the licensed merchandise. The DCS client communicates with the DCS server to download the components onto a customer's computer system and to license and purchase a requested item of merchandise. The DCS server, which includes a content supplier server, a licensing and purchasing broker, and a payment processing function, supplies merchandise-specific components and licenses the requested item of merchandise by generating an electronic certificate. The electronic certificate contains license parameters that are specific to the requested merchandise and an indicated purchasing option. Once a valid electronic license certificate for the requested merchandise is received by the DCS client, the merchandise is made available to the customer for use in accordance with the licensing parameters contained in the electronic license certificate.

16 Claims, 21 Drawing figures